Importing Spreadsheets

Spoken Tutorial Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

Snehalatha Kaliappan
Prajwal.M

10 December 2018

Learning Objectives

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- **Import speadsheets in CSV format to create a Point layer**

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- Import speadsheets in CSV format to create a Point layer
- Convert Point layer to a Polyline layer

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- Import speadsheets in CSV format to create a Point layer
- Convert Point layer to a Polyline layer
- Load WMS (Web Map Service) layer in QGIS

System Requirements

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- **Ubuntu Linux OS v16.04**

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- **QGIS v2.18**

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- **QGIS v2.18**
- **Working internet connection**

Pre-requisites

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- **QGIS Interface**

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- **https://spoken-tutorial.org/**

GIS Data

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- **Data in the form of spreadsheet can be imported to QGIS**

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- GIS data is available in table or spreadsheet format (.txt or .csv files)
- Data in the form of spreadsheet can be imported to QGIS
- Data file must have 2 columns (X and Y coordinates)

Example to Practise

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- **Download the folder given in Code files link, located below the player**

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- **Download the folder given in Code files link, located below the player**
- **Extract the contents of the downloaded zip file**

Example to Practise

- Download the folder given in Code files link, located below the player
- Extract the contents of the downloaded zip file
- Locate Places.txt and Places.csv files in the extracted folder

Assignment-1

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- **Import Places.txt file in QGIS**

Assignment-1

- Import Places.txt file in QGIS
- Places.txt file is available in the folder downloded from Code files link

Assignment-2

Assignment-2

- **Create a path between the cities from West to East**

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- **Create a path between the cities from West to East**
- **Hint: In the Points to path dialog-box, Order field drop-down use Longitude,N,19,11 option**

About WMS

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- **WMS is an open GIS standard specification for interactive mapping**
- **Requesting map images from a server over the Internet**

Summary

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- Import speadsheets in CSV format to create a Point layer
- Convert Point layer to a Polyline layer
- Load WMS (Web Map Service) layer from Bhuvan website in QGIS

About the Spoken Tutorial Project

- **Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial**
- **It summarises the Spoken Tutorial project**

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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- **Conducts workshops using spoken tutorials**
- **Gives certificates to those who pass an online test**
- **For more details, please write to contact@spoken-tutorial.org**

Forum for specific questions

- Do you have questions in THIS Spoken Tutorial?
- Please visit

  http://forums.spoken-tutorial.org
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them

Acknowledgements

- Spoken Tutorial Project is a part of the Talk to a Teacher project
- It is supported by the National Mission on Education through ICT, MHRD, Government of India
- More information on this Mission is available at http://spoken-tutorial.org/NMEICT-Intro